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Science and Weapons Daily Review

Thursday 7 March 1985

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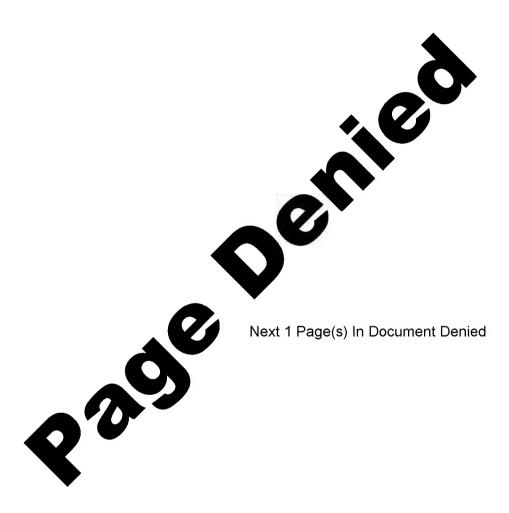
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CHEMICALS USED TO ENHANCE HUMAN PERFORMANCE the Soviets are the Soviets are e of some athletic and military personnel to is in temperature and oxygen levels; a military on may be to increase resistance of pilots of high- ance aircraft to the symptoms of hypoxia DIGMENTS: IRAO'S NUCLEAR PROGRAM: ACQUIRING A NUCLEAR CLE 25X destruction of Irao's principal research reactor in d war-related economic difficulties have not dampened terest in enhancing its nuclear capabilities, off accilities, but it is still at least a decade on having facilities that could support nuclear as development.
CHEMICALS USED TO ENHANCE HUMAN PERFORMANCE the Soviets are the Soviets are e of some athletic and military personnel to is in temperature and oxygen levels; a military on may be to increase resistance of pilots of high- ance aircraft to the symptoms of hypoxia DGMENTS: IRAO'S NUCLEAR PROGRAM: ACQUIRING A NUCLEAR CLE destruction of Iraq's principal research reactor in d war-related economic difficulties have not dampened terest in enhancing its nuclear capabilities, and facilities, but it is still at least a decade on having facilities that could support nuclear
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destruction of Iraq's principal research reactor in dwar-related economic difficulties have not dampened terest in enhancing its nuclear capabilities, and facilities, but it is still at least a decade on having facilities that could support nuclear



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	D TO EITH ATOE TOWN	A LEIU OIUWANOE	25X1
military personnel to varying tempera Physical Culture is	e mental and physical the subst tures and oxygen level	ostances produced from plants are abilities of Soviet athletes and ances increase physical tolerance is. The Moscow Institute of Dlympic athletes and does major e enhancement.	25X1 25X1 25X1
Comment:			
The report confirm pharmacological re agents to improve gain a better under performance, we be pharmacological re	search includes the us the efficiency of milita standing of the effects elieve they will attemp	that Soviet e of both conventional and new ry personnel. As the Soviets s of biochemical changes on human t to use the results of mance problems in a variety of	25X^
military functions.			25 X 1
treat the symptoms high g forces exper causing pilots to lo	s of hypoxia in pilots o rienced during aircraft use consciousness. Dr	ne Soviet research may be to of high-performance aircraft. The maneuvers can reduce blood flow, ugs that increase tolerance to low aintain control of aircraft longer	
	resistance to the sym	ptoms such as loss of peripheral otor functions.	25X1
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d Copy Approved for Release 2010/04/19 : CIA-RDP86R00254R000301780001-1	
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EY JUDGMENTS: IRAQ'S NUCLEAR PROGRAM: ACQUIRING A NUCLEAR FUEL CYC	_E
The following Key Judgments are reprinted from a recently published Research Paper produced by the Office Near Eastern and South Asian Analysis	25 X ′
	25X′
Israel's destruction of Iraq's principal research reactor in 1981 and war-related economic difficulties have not dampened Iraq's interest in enhancing its nuclear capabilities, skills, and facilities. Iraq, however, is still at least a decade away from having nuclear facilities with the potential to support nuclear weapons development.	25 X 1
Iraqi President Saddam Husayn has long advocated the development of an "Islamic bomb" that would give the Arab states strategic leverage over Israel.	25X1 25X1
In our view, Saddam also believes that development of a nuclear weapons capability would advance Iraq's security interests in the region. A nuclear capability would further Baghdad's goal of becoming the preeminent Arab state in the Persian Gulf and might serve as a long-term deterrent to a vengeful Iran	25 X
Despite Baghdad's interest in pursuing nuclear research, Iraq will have to depend on extensive foreign assistance and technology to master virtually all aspects of the nuclear cycle. Fear of losing access to vital foreign technology should inhibit any desire to violate international safeguards.	25X′
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We anticipate that, when its war with Iran ends, Baghdad will accelerate its efforts to complete a nuclear fuel cycle. Until then, we expect Baghdad to try to exploit the "gray market" to acquire nuclear materials and technology. Since 1980, Iraq has concentrated on using European intermediaries to buy otherwise unavailable US technology and on breaking down orders for equipment into subcomponents not subject to export controls	
in the European vendor countries. Although results have been mixed, we expect Baghdad to continue using these methods	25X
	25X
Iraq's dogged pursuit of a nuclear fuel cycle will also impinge on US interests by:	
interests by.	
 Demonstrating that the gray market can be used to evade US efforts to promote tighter international controls over nuclear trade. 	25 X 1
Circumventing US export controls and policies by employing West European intermediaries to obtain US-origin goods	
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